

A23530

Leader in Biomolecular Solutions for Life Science



Mitofilin Rabbit mAb

Catalog No.: A23530

Recombinant

Basic Information

Observed MW

84kDa

Calculated MW

84kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IP,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC61198

Background

Enables RNA binding activity. Involved in cristae formation. Located in mitochondrial inner membrane. Part of MICOS complex.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

10989

Swiss Prot

Q16891

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HMP; P87; P89; PIG4; Mic60; PIG52; MINOS2; P87/89; MICOS60; Mitofilin

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

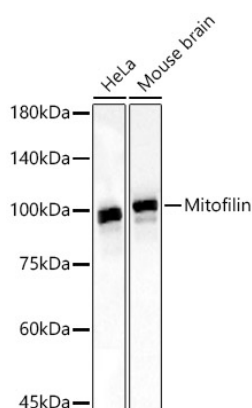
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates, using Mitofilin Rabbit mAb (A23530) at 1:1000 dilution.

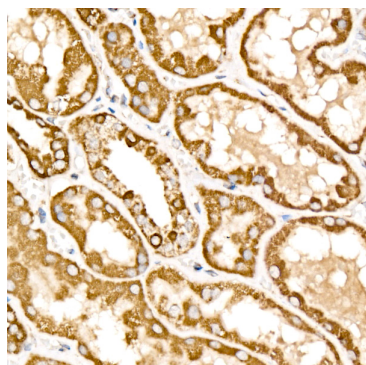
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

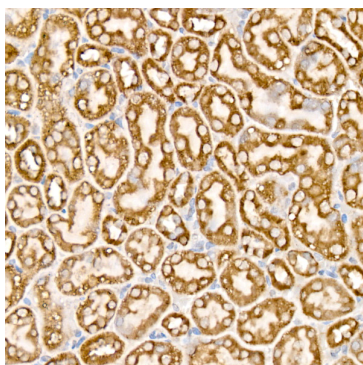
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

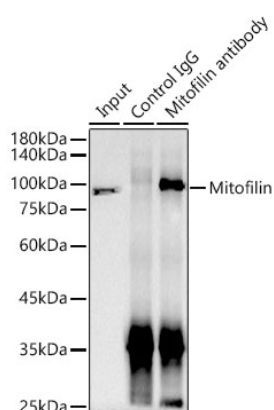
Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Mitofilin Rabbit mAb (A23530) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Mitofilin Rabbit mAb (A23530) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunoprecipitation analysis of 300 µg extracts of 293F cells using 3 µg Mitofilin Rabbit mAb (A23530). Western blot was performed from the immunoprecipitate using Mitofilin Rabbit mAb (A23530) at a dilution of 1:10000.